

GEOORGIEVA, Sl.

Leukocytoclasia or the so-called Abbaiformen of leukocytes
or preerythematous cells. Dermato vener Sofia 1 no.3:14-16
'62.

1. Iz Katedrata po kozhni i venericheski bolesti pri VNI,
Sofiia (rukovoditel na katedrata prof. L. Popov).

GEORGIEVA, SL.

POPOV, L.

Bulgaria

Professor

Head of the Department of Skin and Venereal Diseases
of the Higher Medical Institute (Visok Meditsinski
Institut), Sofia

Sofia, Dermatologiya i Venerologiya, supplement of
Suvremenno Meditsina, No 1, 1962, pp 6-11.

"Evaluation of the Cytodiagnostic Method in Malignant
Tumors of the Skin"

Co-authors:

BALABANOV, Mr., Department of Skin and Venereal Dis-

eases of the Higher Medical Institute

GEORGIEVA, Sly, Department of Skin and Venereal Dis-

eases of the Higher Medical Institute.

GEORGIEVA, Sl.; DIMITROVA, I.

Ichthyosis-like genodermatoses stimulating the so-called
pustulosis subcornealis in combination with epilepsy.
Dermato vener Sofia 2 no.3; 123-217 '63.

1. Iz Katedra po kozhni i venericheski bolesti pri VMI-Sofiia (rukov. na katedrata prof. Kr.Balabanov).

GEOGRAPHY, S.

Cytopathological observations on molluscum contagiosum. Dermato
vener Sofia 2 no. 1:27-30 '63.

I. From the Chair of Skin and Venereal Diseases of the Higher
Medical Institute, Sofia (Head of the Chair: Prof. Kr. Balabanov).

GEORGIEVA, SI.

The Ascher syndrome. Dermato vener Sofia 3 no.1:39-41 '64.

1. Chair of Skin and Venereal Diseases at the Higher Medical Institute, Sofia (Acting Head: Prof. Kr. Babinov).

MIREV, D.; ZLATEVA, Iv.; GEORGIEVA, T.

Concentration of anthracite coal from the village of Draganitsa
deposits through the flotation method. Izv Inst khim BAN 7:303-308
'60. (KEAI 10:9)

1. Khimicheski institut pri BAN.

(Anthracite coal) (Flotation)

STEFANOV, Zh.; GEORGIEVA, TSv.

Apropos of complications related to artificial interruption
of pregnancy from data of the 1st Maternity Home "Tina Kirkova".
Akush.Ginek.3 no.3:8-12 '64.

BULGARIA

GEORGIEVA, Y. D., Genetic Section, Institute of Biology, Bulgarian Academy of Sciences

"Fluorescence Microscope Observations of the ADN in the Embryonic Sac of Lilium"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 5, 1966, pp 425-428

Abstract: [French article] The behavior of the ADN in the Feulgen-negative nucleus of the oosphere has been investigated by an ultra-sensitive fluorescence microscope method. The author studied castrated and isolated flowers of *Lilium regale* and *L. candidum*, and the development of the embryonic sac and the associated changes in the ADN were followed in pistils 1, 2, 3, 5, 6, 10, 11, and 15 days after efflorescence. The article gives a comprehensive description of the procedures and presentation of the observed findings. Among others, during the development of the embryonic sac of *Lilium* there appear a progressive disappearance of the ADN reaction in the nuclei of the oosphere of the synergids and polar nuclei, the disappearance being delayed by the use of Schiff's reagents which color the nuclei yellow. If the embryonal sac remains unfertilized until the 5-th or 6-th day following the efflorescence, the nuclei of the oosphere acquire again an ADN positive reaction which is connected with the condensation of the nuclear matter and the homogenization of the nuclear content. A complete analysis indicates that the Feulgen-negative nuclei of mature oospheres of *Lilium* still con-

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 5, 1966, pp 425-428

tain ADN although it cannot be ascertained even with fluorescent Schiff reagents for reasons which are not clear yet; it reappears again during the dying out of unfertilized oospheres during the nuclear pycnosis.

APPROVED FOR RELEASE: 08/31/20010 Web: CIA-RDP86-00513R000514730010-0

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0

GEORGIEVA, D., inzh.; GEORGIEVA, Z., inzh.-khim.

New protective media against corrosion for asbestos-cement pipes.
Stroitelstvo № 5:23-26 S-0 '62.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0"

GECRGIEVA-STOIKEVA, STEFANA.

Ognishteto v bulgarskiia bit. Sofia, Izd. na Bulgarskata akademija na naukite, 1956. 221 p. (p.133-213: plates, part col.) [Fireplaces in the Bulgarian mode of life. bibl.]

NN

Not in DLC

SO: Monthly List of East European Accessions (EEAL) IC, Vol. 6, no. 10, October 1957. Uncl.

Plant Genetics

BULGARIA

GEORGIEVA-TODOROVA, I., [Affiliation not given]"Cytogenetic Study of Interspecies Hybrids H. Annuus x H. Ruderalis"Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 3, 1966, pp 213-216

Abstract: English article/ Over the past several years the author tried to cross the cultivated H. annuus sunflower with various annual diploid species, including H. ruderalis. The article describes in details experiments involving the last mentioned species, and the results indicate that 1) H. annuus is easily crossed with H. ruderalis; 2) the variety in hybrids is strongly pronounced as regards certain traits: nature of stalk, height of plant, size of leaves and leaf stems, shape and color of seeds, etc.; and 3) the meiosis of pollen mother cells of the investigated plants proceeds normally as a rule. Only those resembling more the paternal species reveal certain deviations.

No references. (Manuscript received, 10 Dec 65.)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000514730010-0

REF ID: A65001

Res Jour: Ref Zhar-Biol., No 20, 1958, 90426.

Author : Georgiyeva-Todorova, Yarkanka,

Inst : The Institute of Plant Cultivation.

Title : Experiments on the Overcoming of Crossbreeding Resistance

Between Helianthus annuus and Helianthus tuberosus.

Preliminary Report.

Orig Pub: Izv. In-ta rasteniyevdstva, D"lg. AN, 1957, no. 4,
147-161 (Bulgarian; res. Russ.; Eng.)

Abstract: Young sunflower seedlings in the cotyledon stage were grafted on young plants (from tubers) of the Jerusalem artichoke having 10-12 leaves and occasionally on older plants before their blossoming. A few seeds were obtained as a result of the pollination of the grafts with Jerusalem artichoke pollen, while the pollination of the

Card : 1/2

HUNGARY

GEORGIEV, B., DRUMOV, D.; Veterinary Medical College, Department of Pharmacology, Toxicology and General Therapy (chairman: DRUMOV, D., M., docent) [original language version not given], Sofia.

"The Effect of Certain Neuroleptic and Tranquillizer Compounds on Ruminants."

Budapest, Acta Veterinaria Academiae Scientiarum Hungaricae, Vol XVI, No 3, 1966, pages 263-272.

Abstract: [German article, authors' German summary modified] The effect of chlorophenazine (1), promazine (2), meprobamate (3), benactizine (4), trimethoxazine (5) and methylpentinol (6) was compared with that of propionyl-promazine (7) and chlorpromazine (8) on sheep and cattle, both after s.c. administration of a single dose and in a state of excitation evoked with amphetamine (a) and penaldrin (b) (amphetamine and strychnine). A pronouncedly relaxing and taming effect was produced by 2, 3 and 6 in sheep, with decreased motility and pain reaction after electric stimulation. In addition, movements of the rumen are not inhibited by 3; sleepiness is produced by 6. 1 and 5 have a slight relaxing effect and produce excitation in high doses. Rumen activity is slightly inhibited by 4 and strongly so by 5. The chronoamperage-excitation curves, registered at certain flexor and extensor areas of the forelimbs, are near the coordinate system under the influence of b and a, while they are further away after administration of the neuroleptics and tranquillants mentioned. 7 has a stronger effect than the compounds tested. In cattle, the

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GEORGIYEVA-TODOROVA, Jordanka (Bulgariya); SVESHNIKOV, B.Ye. (translator)

Remote hybridization of various species of Helianthus.
Agrobiologiya no.6:861-866 M-D '59. (MIRA 13:4)

1. Bolgarskaya akademiya nauk, Institut rasteniyevodstva,
Sofiya.
(Sunflowers)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0

GEORGIEVA-TUDOROVA, Iordanka

Cytogenetic characteristics of the interspecies hybrids Hellianthus annuus and H. maximiliani. Izv Tsentral lab genet 1:
25-36 '63.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0"

GEOORGIVNA
R.A.M.

1/2

Kostov (D.) & Georgivna (Miss R.). Устойчивость к мозаичному вирусу. I.
Устойчивость табака к мозаичному вирусу, полученному экспериментально.
II. Наследование устойчивости к мозаичному вирусу в сортовом скрещивании
на примере Nicotiana tabacum var. viri. [Resistance to Tobacco mosaic
virus. I. Tobacco varieties resistant to mosaic virus experimentally produced.
II. Inheritance of necrotic reaction and plant-breeding value of the strain
Nicotiana tabacum var. viri.]—[Бюлл. Зад. Нацил. Комиссии, София, 1944. (English translation.
[Bull. Acad. agric. Bulg. Inst. Sci., Sofia], 56 pp., Sofia, 1944.]

[Received July, 1946.]

In continuation of his studies on tobacco mosaic [R.A.M., XVII, p. 349] the
first author states that for breeding resistant varieties reacting with local necrosis,
the theoretical aspects of which were previously discussed, he tried two different
hybrids, (1) (*Nicotiana rustica* RL, a variety reacting with local lesions only, ×
N. tabacum) × *N. digitata*, and (2) *N. tabacum* var. *Baame* × *N. digitata*. They were
back-crossed either twice (1) or once (2) to *N. tabacum* var. *Baame* (used as female
parent since it was found that the pollen from the hybrids gave more uniform
results), then selfed, and the offspring selected in these and subsequent generations
were those which reacted with local necrosis only, were most tobacco-like, and
were fertile. From the F_2 generation from hybrid (1) a desirable variety homozygous
for local necrosis, having 48 chromosomes and named *N. tabacum* var.
viri, was selected for use in succeeding crosses.

The object of the second series of experiments done in collaboration with
R. Georgivna was to transfer the necrotic reaction of *N. tabacum* var. *viri* to

the background of commercial varieties. Using the same selecting principles as before a cross between this new variety and No. 36 (Nevrocop Basma) gave in the F_1 generation three families homozygous for local necrosis, while another cross with the variety American White gave a single homozygous family in the F_1 . Propagation of the hybrids between *N. tabacum* var. *viridis* and the large-leaved varieties Virginia Brightleaf and Florida Black Shank Res. No. 301, while showing only local necrosis, had a large proportion of abortive pollen, and no results are given beyond the F_1 .

The F_1 hybrid (*N. tabacum* var. *viridis* × American White above) was used as one parent in a series of triple crosses with the following varieties, some of which are small-leaved like the parents and some large-leaved, Ustinsky No. 4, Trapsound, No. 36 Nevrocop Basma, Dubcek, Dubelska Basma, Havana, Gold Dollar, Maryland Broadleaf, Virginia Brightleaf, One Sucker, *N. tabacum* var. *macrophylla*, and *N. syrii*. The F_1 hybrid (*N. tabacum* var. *viridis* × No. 36 Nevrocop Basma) was similarly used with Varatik, Virginia, Fawcett special, One Sucker, and *N. tabacum* *macrophylla*.

PAM

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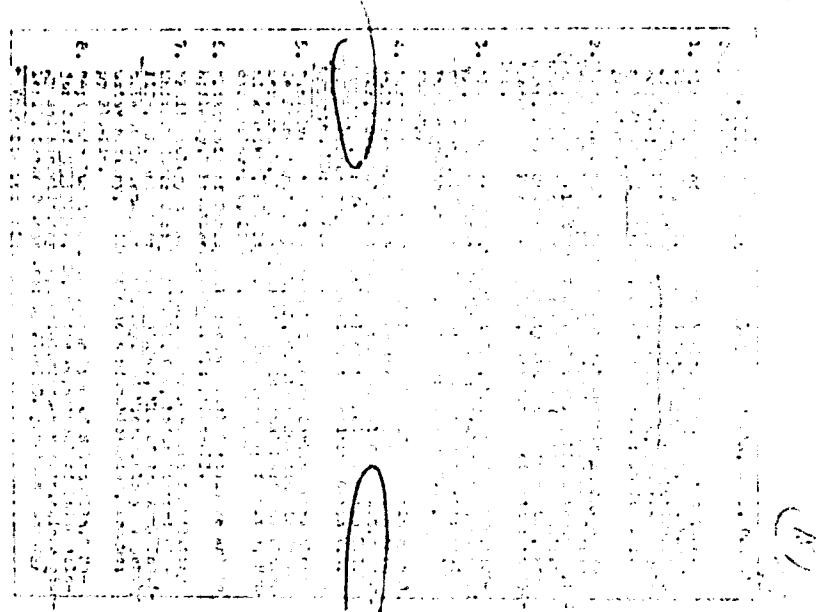
The progeny were selfed and gave rise to a large population of desirable forms all, or a large proportion, having the local necrotic character (some homozygous) which can be used for further experiments together with hybrids between *N. tabacum* var. *viridis* and the tolerant American variety Ambalema [ibid., xxii, p. 308; xxiii, p. 499, et passim]. Such families, heterozygous, however, in respect of other morphological and physiological characters, may be used in respect of other under varying environmental conditions for isolating desirable resistant varieties suitable to the different regions.

It was noted during the experiments that some plants reacted with 'flowing necrosis' at temperatures lower than 30° to 35° C. This, together with the fact that plants apparently similar genetically and inoculated under the same conditions at the same time, may react differently, suggests that the manifestation of flowing necrosis may depend on the genetic make-up as well as on temperature. If a gene-modifier is responsible for reaction at the lower temperature, then it is considered likely that a gene combination might be obtained which would raise the critical temperature so that the plant would react only at temperatures much higher than 30° to 35° C.

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GEORGI EUSKUY, A. S.



APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0"

GEORGIEVSKI, D.; UZUNOVSKI, M.

Chemical composition of the Prilep type of tobacco matured under extremely dry conditions. p. 73.

BILTEV DOKUMENTACIJE. TEHNIKA SAOBRACAJNIH SREDSTAVA. (Drustvo hemicara i tehnologa NR Bosne i Hercegovine. GLASNIK) Sarajevo, Yugoslavia. Vol. 7, 1958.

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960.

Uncl.

GEOGR(IEVSKI, K.

YUGOSLAVIA/Cultivated Plants - Commercial. Oil-Bearing;
Sugar-Bearing.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82462

Author : Gor'kiyevski, Kume

Inst :

Title : Ecological Conditions of Tobacco Cultivation in the Re-
ion of the City of Prilep. Part 1.

Orig Pub : Tutu., 1957, No 7-8, 249-250

Abstract : The first part sets forth the results of similar investi-
gations of soils and climate in Prilepskiy rayon (Mace-
donia). Factors of soil formation are examined (relief,
rock composition, hydrography, climate, natural vegeta-
tion and biological factors). Tables and diagrams char-
acterizing soil and climate are cited.

Card 1/1

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Georgievskik

Georgievskik

3A

Category : CULTIVATED PLANTS COMMERCIAL. C1,fferous. Super-
 Bull. 1957, No. 203

Abs. Jour. : KF ZHUR-BUL., 21, 1958, NO. 06/103

Author : Georgievskik, Kupry...

Title : "Theoretical Conditions of Tobacco Growing in the
USSR. Theoretical Conditions of Tobacco Growing in the
Central District, Part II"

Date, Pub. : Tatum, 1957, 7, No. 9-10, 333-372

Journal : No. 9-10/1957

Cover : 1/1

Author: KALINOVSKI, PLANT COMMERCIAL, Clitterous, Sugar-Bearing,

Pub. Date: (FEB 1960) 21.1-53, NO. 6912

Author: Georgiyevski, Kuz.

Inv. Titl.:

Title: Ecological Conditions of Tobacco Raising in the
Prilep District, Part III. The Effect of Climate
and Soil on Tobacco Quality.

Orig. Pub.: Tutan, 1957, 7, No. 11, 387-401

Abstract: "A abstract"

Card: 1/1

GEORGIJEVSKI, N., Dr.; PANOV, G.; MAMJUSKI, T.

Effect of housing conditions on health. Higijena, Beogr. 7 no.1-4:
450-457 1955.

1. Centralni higijenski savod, Skoplje.
(HOUSING
off. of housing cond. on health (Ser))
(HEALTH,
same)

GEORGIEVSKY, A.

"Free-Fall Parachuting," p. 62 (ERIDLA VLASTI, No. 3, February 1954, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954, Unclassified

GEORGIEVSKY, A.

"Mechanics, the Basis of Aerodynamics" (To be Contd.) p. 63 (KRIDLA VLASTI, No. 3, February 1954, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954, Unclassified

GEORGIEVSKY, A.

GEORGIEVSKY, A. Static calculation of ribbed domes. (Conclusion) p. 105
Vol 4, no 2, 1956 STAVEBNIC Y CASOPIS Bratislava, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

GEORGIJEV, Krsto; SERAFIMOV, Koco

Contribution to the treatment of cholecystopathies. Srpski arh.
celok. lek 87 no.11:1032-1040 N '59.

1. Hirurska klinika Medicinskog Fakulteta u Skoplju, Direktor:
prof. dr Bogosav Dragojevic.
(GALLEBLANDER dis.)

SERAFIMOV, Koco; GEORGIJEV, Krsto; SERAFIMOVA, Elisaveta

Carcinoma of the biliary tract. God. Zborn. Med. Fak. Skopje
no.10:79-83 '63.

1. Univerzitetska hirurska klinika - Skopje (Upravnik prof.
d-r B. Dragojevic) i Univerzitetska interna klinika - Skopje
(upravnik prof. d-r D. Arsov).

GEORGIJEV, Krsto; SERAFIMOV, Koco; DAVCEV, Penco; GRUJEV, Vojislav

Stomach cancer -- 10 years clinical experience. God.Zborn.
Med.Fak.Skopje no.10:165-172 '63.

1. Univerzitetska Hirurska klinika (Upravnik prof. d-r
B. Dragojevic) i Univerzitetska Interna klinika (Upravnik
prof. d-r D. Arsov), Skopje.

REF ID: A7

Category: Yugoslavia / Diseases of Farm Animals, Diseases of Undetermined Etiology v-4

Abs Jour: Refer. Zhur-Biologiya, No 16, 1957, 72326

Author : Georgijev T

Inst : Not given

Title : Clinical and Chemical Laboratory Investigations of the Chronic Vesical Hematuria

Orig Pub: Veterinaria (Jugosl.), 1955, 4, No 4, 663-668

Abstract: In Bulgaria, in some of the mountain regions 10-90 percent of the cattle of two years of age and over suffer from chronic hematuria. In the ill animals it was established by cystoscopy that the kidneys excrete urine without blood, but the blood enters into the urine from the bladder, which contains hemorrhagic points in its mucous membranes. After the typical symptoms of hematuria subside, there appears frequently a so-called "white hematuria", where the animals urinate with great strain; the urine however does not contain erythrocytes or proteins. In such cases cystoscopy reveals many wartlike

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RECORDED

Category: Yugoslavia / Diseases of Farm Animals, Diseases of Undetermined Etiology v-4

Abs Jour: Refer. Zhur-Biologiya, No 16, 1957, 72326

growths and the absence of hemorrhagic points. The author differentiates the following clinical forms of the disease: microhematuria, acute form, remittant and verrucose. The disease promoting factor appears to be a prolonged intake of hay and grasses of small nutritional value with a large percentage of poisonous plants, inferior zoohygienic surroundings and helminthic invasions. The anemia in the cattle is of a regenerative hyperchromic character. No aniso- or poikilocytosis was discovered in any of the cases of anemia. In 85 healthy animals and 106 with hematuria the content of Ca, P, K, and SiO₂ was determined in the blood. In the ill there was no increase in Ca, in some cases there was a slight increase in total P, but the SiO₂ was increased by 25 percent in comparison with the healthy animals. In the sick animals there was 63-197 mg percent of SiO₂ in the urine, in the healthy 26-103 mg percent. The author concludes that they hay in the regions where hematuria was observed contains a larger quantity of colloidal SiO₂ and that there are some factors conducive to the resorption and larger elimination of SiO₂ in the urine.

Card : 2/2

-2-

QUESTIONNAIRE

Category: Yugoslavia / Diseases of Farm Animals. Diseases of Undetermined Etiology. Y-4

Abs Jour: Refer. Zhur-Biologiya, No 16, 1957, 72327

Author : Georgijev T.

Inst : Not given

Title : The Investigation of the Role of Saponin in the Vesical Hematuria in Cattle

Orig Pub: Veterinaria (Jugosl.), 1955, 4, No 4, 669-673

Abstract: Previously the author stated the hypothesis that saponins facilitate the intestinal resorption of SiO₂ and that the hay from regions where hematuria in cattle is wide-spread contains saponin. Cows with hematuria were fed with hay from safe and unsafe regions, and a few days later received saponin (I) from horse chestnut in 3 mg/kg doses twice daily in the course of five days. It was shown that in feeding I and hay from the unsafe region, the latent form of hematuria changes into a clinical "provokes Hematuria", and the clinical form becomes so acute that the life of the animal is endangered. The administration of I and hay from the safe regions does not produce

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Category: Yugoslavia / Diseases of Farm Animals. Diseases of Unde- v-4
termined Etiology.

Abs Jour: Refer. Zhur-Biologiya, No 16, 1957, 72327

Hematuria. Similar investigations were conducted with healthy cattle and also with cows suffering from microhematuria. It was shown that I increases the absorption of SiO₂ contained in the grasses by the organism. It is the author's opinion that I is not the direct cause of hematuria, but provokes it in conjunction with other predisposing factors (bad zootechnical conditions, inadequate feeding, parasitic invasions etc.) The unknown factor, causing hematuria, evidently represents a high-molecular compound, the re-sorption of which is facilitated by the presence of I in the hay. This unknown factor is excreted by the kidneys and, evidently, remains for a long time in the bladder, where it initially produces local irritation, then changes in capillaries and the formation of hemorrhages. Therefore, the hematuria may be viewed as a chronic toxicosis.

Card : 2/2

-4-

GEORGIJEV, V., inz. (Skopje)

"Connection schemes in electrical engineering " by Z. Vistrucka and
I. Uremovic. Reviewed by V. Georgijev. Zavarivac 6 no.2/3:49-50 '61.

1. Fabrika "Jug", Skopje.

GEOGRDJEVIC, Albert, Dr.(Samobor)

The House of people's Health at Samobor; the development of public
health service in Samobor District. Narodno zdrav., Beogr. 11 no.
7-8:235-242 '55.

(PUBLIC HEALTH

in Samobor district, Yugosl.(Ser))

(NATIONAL HEALTH PROGRAMS,

in Samobor District, Yugosl. (Ser))

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0

GEORGIJEVIC, E.

Influence of the altitude and exposure on the appearance of
Ips typographus L. Rad Sumar fakul BiH 7 no.7:107-195 '62

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0"

GEORGIJEVSKIJ, A.S., prof. general-lajtnant med. sluzbe

On the importance and principles of maneuvers of military forces and
medical units under modern conditions. Vojnosanit. pregl. 19 no.1k:
757-761 N '62.

(MILITARY MEDICINE)

GEORGICNOV, K.V.

PHASF I TREASURE ISLAND BIBLIOGRAPHIC REPORT

Call No.: AF57425
AID 132 - I

BOOK

Authors: BAYRASHEVSKIY, A.M., Eng. Capt. of the Navy, ALEKSANDROVSKIY, V.V.,
ASHCHEULOV, V.P., GEORGICNOV, K.V., DITRIKH, K.F., SLEBINOV, B.V.,
and SHUKIN, L.V.

Full Title: TEXTBOOK FOR SHIP'S RADIO OPERATOR (2nd ed.)

Transliterated Title: Uchebnoe posobiye dlya sudorogo radio-operatora

Publishing Data

Originating Agency: Main Administration of Educational Institutions of the
Ministry of the Merchant Marine

Publishing House: Publishing House "Morskoy Transport"

Date: 1952 No. pp.: 660 No. of copies: 6,000

Editorial Staff

Editor: Sandler, N.V.

Tech. Ed.: Flaun, M.Ya.

Editor-in-Chief: Bayrashavskiy, M.A.

Appraiser: None.

Text Data

Coverage: The textbook presents a general introduction to various phases of radio science from basic electromagnetic principles and description of early types of spark and vacuum tube radio-apparatus to recent types of receiving and sending radio installations, direction finders, electro-acoustical, amplifying and recording equipment. The final part of the book is related to general ship regulations for radio signal exchanges, minor repairs and adjustment of the radio apparatus and ship radio

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GORECIONOV, K.V.

Uchebnoe posobiye dlya sudorogo radio-operatora

AID 132 - I

Installation. The last chapter of this part gives general information on navigation, astronomy, meteorology and ship construction.

Comments: The book supplies only general and elementary information for the ship's radio operator and does not deal with radar and other modern equipments.

Purpose: The textbook is approved by the Main Administration on Educational Institutions of the Ministry of the Merchant Marine for radio-operators, particularly for self-study.

Facilities: The book is the collective work of teachers of the Leningrad Marine College and of the special courses for the commanding staff of the Merchant Marine.

No. of Russian and Slavic References: 32

Available: A.I.D., Library of Congress.

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GOTLIIB, P.; NEGUS, N.; SHIREANU, B.; GEORGISCU, M.; IONESCU, I.;
PEZAMOSKA, A.; MUKHTER, Z.

Surgical therapy of osseous and osteo-articular tuberculosis
in the Children's Surgical and Orthopedic Clinic in Bucharest.
Khirurgia 15 no.2/3:236 '62.

(TUBERCULOSIS OSTEOARTICULAR surg)

GEORGITSE, Sht.I. [Gheorghita, St.I.]

Plane steady flow of two fluids in a porous medium. Izv.vys.
ucheb.zav.; neft' i gaz 5 no.4:71-74 '62. (MIRA 16:1)

1. Bukharestskiy universitet imeni K.I.Parkhona.
(Oil reservoir engineering)

GEOORG /U/H.S.

GEOORGIU, A. S.

GEOORGIU, A. S.: "The quality of milk and butter as a function of the green fodder fed to milk cows". Moscow, 1955. Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazeve. (Dissertation for the Degree of Candidate of AGRICULTURAL Sciences)

SO: Knizhnaya Letopis' No. 51, 10 December 1955

sov/112-58-1-57

Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 1, p 5 (USSR)

AUTHOR: Georgiu, I. Sht.

TITLE: Fourpole as a New Method of Studying 3-Phase Commutator Motors
(Chetyrekpolyusnik kak novyy metod izucheniya trekhfaznykh kollektornykh
dvigateley)

PERIODICAL: Zh. elektrotehn. i energet. Akad. RNR, 1956, Vol 1, Nr 1, pp 7-22

ABSTRACT: For equivalent-circuit purposes, a 3-phase commutator machine is considered as a combination of a conventional induction machine and a frequency converter. Fourpoles are derived for series- and parallel-excited motors. The fact is allowed for that, with both connections, the winding EMF is a function of brush-shift angle. Both forms of transformer coupling are represented in the fourpoles: a natural transformer coupling between the stator and rotor windings, and a separate transformer in the rotor circuit. On the basis of equivalent fourpoles, some operating conditions of commutator motors (variable ratio of the rotor transformer, brush shift, etc.) have been investigated.

A.I.A.

AVAILABLE: Library of Congress
Card 1/1 1. Electric motors--Analysis

GEORGIU, I.S.

Rumania - Electrification

Electrification of Rumania, Nauka i zhizn' 20 no. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

GEORGIU, Nikolay, inzh.

Development of the electric power industry in the Rumanian people's
Republic. Elektrичество no.11:40-46 N '57. (MIRA 10:10)

1.Zamestitel' Ministra tyazheloy promyshlennosti, rukovoditel'
Elektroenergeticheskogo departamenta Rumynskoy Narodnoy Respubliki.
(Rumania--Electric power)

GEORGIU, N. K.

GEORGIU, N. K. "On the duration of rebuilding operations on amputated stumps," Trudy Kishinevsk. gos. med. in-ta, Vol. 1, 1949, p. 291-99.

SC: U-3261, 10 April 53 (Letopis & Zhurnal 'nykh Statey No.11, 1949)

GEORGIU, N. K.

Georgiu, N. K. "Experimental-Morphological Analysis of Pathological Processes, Envolving Out of the Results of the Amputation of the Extremities in Dogs." Dr. Med Sci, Acad Med Sci USSR, 19 Jan 54. (Vechernaya Moskva, 8 Jan. 54)

SO: SUM 168, 22 July 1954

GEORGIU, N.K.

Mechanisms of development of post-amputation complications;
experimental morphological investigations. Ortop.travm. i
protes. no.3:22-30 My-Je '55. (MLRA 8:10)

1. Iz laboratorii histopatologii nervnoy sistemy (zav.prof.
M.L.Borovskiy) Instituta obshchey i eksperimental'noy patologii
(dir. akademik A.D.Speranskiy) AMN SSSR.
(AMPUTATION,
exper.compl.)

GEORGIU, N.K.

[Neurotrophic disorders following amputation of the extremities;
experimental morphological study] Neirotroficheskie narushenija
posle amputatsii konечnosti; eksperimental'no-morfologicheskoe
issledovanie. Kishinev, Gos. izd-vo Moldavii, 1956. 177 p.
(AMPUTATION) (MIHA 10:2)
(NERVOUS SYSTEM—DISEASES)

GEOORGIU, N.K.—

Treatment of cicatricial contracture following burns in children.
Zdravookhranenie 4 no. 2:26-30 My-Ap '61. (MIRA 14:4)

1. Iz kliniki khirurgii detskogo vozrasta (zav. - doktor med.nauk
N.K. Georgiu) i Respublikanskoy detskoy klinicheskoy bol'nitsy
(glavnnyy vrach N.T. Gordeyeva).
(BURNS AND SCALDS) (CICATRICES)

GEORGIU, N. K. and POPOVA, N. A.

"On the Diagnosis and Bloodless Reduction of Congenital Hip Dislocations"

report submitted at the Republic Session on Traumatology and Orthopedics,
Kishinev, 9-10 January, 1961

So: Zhravookhrenenive, Kishinev, No. 2, March-April 1961 pages 61-64

GEORGIU, N.K.

Postoperative hyperthermic syndrome in children. Zdravo-
okhranenie 5 no.3:29-33 My-Je '62. (MIRA 16:1)

1. Iz kafedry khirurgii detskogo vozrasta (zav. - prof. N.K. Georgiu) Kishinevskogo meditsinskogo instituta i Detskoy respublikanskoy klinicheskoy bol'nitsy (glavnnyy vrach S.S. Strungaru).

(CHILDREN--SURGERY) (FEVER)

GEORCIU, N.K., prof.

Some problems of specialized surgical service for the children
of Moldavia. Zdravookhraneniye 6 no.1:7-11 J-F'63.
(MIA 16:8)

1. Zaveduyushchiy kafedroy detskoy khirurgii Kishinevskogo
meditsinskogo instituta.
(MOLDAVIA—CHILDREN—SURGERY)

GEORGIU, Oktavian Em. [Gheorghiu, Octavian Em.]

Geometric objects relative to the nonholonomic projective group of
 X_n spaces. Rev math pures 7 no.3:417-424 '62.

1. Kafedra matematiki Politekhnicheskogo instituta g. Timisoara.

GEORGIU, P.; STORIESCU, V. [Stroescu, V.]; DOBRESCU, D. [Dobrescu, D.]

Mechanism of secretion of the hormones of the adrenal cortex.
Effect of pendiomid and chlorpromazine on pain stress. Report
No.1. Farm. i toks. 22 no.5:421-424 S-O '59. (MIRA 13:3)

1. Farmakologicheskaya laboratoriya bukharestskogo mediko-farmatsev-
ticheskogo instituta.

(MENTONIUM COMPOUNDS pharmacol.)

(CHLORPROMAZINE pharmacol.)

(PAIN exper.)

NICOLAU, C.T., prof.; GORESCU, I., dr.; colaboratori technici GEORGIU, T.; SERBAN,C.

Experimental investigations of the etiology of leukoses. I. Induction
of leukosis in H mice with acellular filtrates of Ehrlich's ascites
carcinoma and transplantable L 10 sarcoma. Med. intern. 3:269-274 Mr
'62.

(LEUKEMIA virology) (NEOPLASMS experimental)

NICOLAU, C.T.; GORESCU, I., dr.; colaboratori technici: GECIGIU, T.; SERBAN, C.

Experimental investigations of the etiology of leukoses. II. Induction of leukoses in H mice by injections of acellular extracts of bone marrow from acute human leukoses. Med. intern. 3:275-280 Mr '62.
(LEUKEMIA virology) (BONE MARROW extracts)

GEORG Yu. V.

GEORGIU, VALENTIN

GEORGIU, VALENTIN: "Basic forms of rhizosphere bacteria of soy beans, their physiological properties, and relationships between plants and the nodular bacteria of soy beans". Moscow, 1955. Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. (Dissertations for the degree of Candidate of Biological Sciences.)

SO: Knizhnaya Letopis' №. 50 10 December 1955. Moscow.

FEDOROV, M.V., prof., doktor biol.nauk.; GEORGIU, V., kand.biol.nauk.

Specific composition of the rhizospheric bacteria of soybeans, dynamics of their development on the surface of roots and their correlation with the nodule bacteria of soybeans [with summary in English]. Izv. TSKhA no.5:117-124 '58.
(Rhizosphere microbiology) (Micro-organisms, Nitrogen-fixing)

BALLI, D. [Bally, D.]; GEORGIU, Z.; STADNIKOVA, T.

Total effective neutron cross sections of As, Se, Sb, and Te in the
energy range 0.0027 to 0.0100. Atom. energ. 12 no.6:514-519 Je
'62. (MIRA 15:6)

(Neutrons—Spectra)

GEORGIY, N. K.

"Experimental-Morphological Analysis of the Pathological Process which Arises
as a Result of Amputation of the Extremities in the Dog,"

p. 294

Problema Reaktivnosti v Patologii, Medgiz, Moscow, 1954, 344pp.

COUNTRY	: BULGARIA
CATEGORY	: Chemical Technology. Chemical Products and Their Uses. Part 3. Synthetic and Natural [#]
ARS. JOUR.	: RZhkhim., No. 1 1960, No. 2139
AUTHOR	: Novkov, D.; Georgiyev, A.
INST.	: Scientific Research Institute of Pharmacy
TITLE	: Preparation of Undecylenic Acid from Canola Oil
ORIG. PUB.	: Dr. N.-i. in-t farmatsiya, 1967, 1, 42-44
ABSTRACT	: A method was developed for the preparation of undecylenic acid, used in dermatology, by the thermic decomposition of the methyl ether of ricinoleic acid. The influence of temperature, time during which the decomposition products are in the furnace, pressure, speed of passage
	: *Medicinal Substances. Chemicals and Medicinal Forces
DATE:	: 1/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000514730010-0

ARS. JOUR. : RZhkhim., No. 1 1960, No. 2139

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT cont'd : of the initial substance, inclination of the furnace and presence of water vapors upon the yield of final products was studied and made precise. It was established that the best yields of undecylenic acid and cantharic aldehyde (canthal) are obtained at 500-530°, residual pressure of 300-400 mm of mercury, comparatively high speeds of the passage of ether (500 g/hour) and with furnace inclination of 25-30°.

DATE: 2/3

VIKTOROV, M.; GEORGYEV, A.

Master in his profession. Za bezop.dvizh. no.3:10-11 Mr '60.
(MIRA 13:12)
(Street railways---Employees)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0

GEORGIYEV, A., podpolkovnik

American plans for the military use of space. Voen.vest. 40
no.10:114-118 0 '60. (MIRA 14:5)
(Space warfare)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0"

PONOMAREV, A., general-polkovnik inzhenerno-tehnicheskoy sluzhby;
POKROVSKIY, G., prof., doktor tekhnicheskoy sluzhby;
KUVAL'DIN, A., dots., kand. tekhnicheskikh nauk inzhener-polkovnik; MOSTOVENKO, V., dots., kand. tekhnicheskikh nauk inzhener-polkovnik; GONCHAROV, M., polkovnik; TARANTSOV, A., polkovnik; VASIL'YEV, N., polkovnik; GORDEYEV, N., kapitan 1 ranga; KOZIN, K., kapitan 1 ranga; ARKHIPOV, M., dots., kand. tekhn. nauk inzhener-podpolkovnik; SEDOV, A., dots., kand. tekhn. nauk, inzhener-podpolkovnik; MELIK-PASHAEV, N., dots., kand. tekhn. nauk, inzhener-podpolkovnik; TIKHOMIROV, Yu., dots., kand. tekhn. nauk, inzhener-podpolkovnik; PARFENOV, V., kand. tekhn. nauk, inzhener-podpolkovnik; GEORGIYEV, A., inzh.-podpolkovnik; KRUCHININ, V., inzh.-podpolkovnik; MEKOMOSHIN, N., inzh.-podpolkovnik; RYKOV, S., inzh.-podpolkovnik; SURIKOV, B., inzh.-podpolkovnik; ZHUKOV, V., inzh.-mayor; NOVIKOV, M., inzh.-mayor; SUSHKOV, Yu., inzh.-kapitan; ASTASHENKOV, P.T., inzh.-podpolkovnik; VASIL'YEV, A.A., red.; KARYAKINA, M.S., tekhn. red.

[New advances in military technology for youthful readers] Mo-

lodezhi o novom v voennoi tekhnike. Moskva, Izd-vo DOSAAF,

(MIRA 15:2)

1961. 342 p.

(Rockets (Ordnance)) (Atomic weapons)

(Electronics in military engineering)

GEORGIEV A. G.

1954. A RECORDING STOKE-METER WITH ELECTRONIC AMPLIFIER. Georgiev, A. G.
(Energetik (Prom Ener, Moscow), Jan. 1957, Vol. 5, No. 14). A device used on
a power station flue is described. A car headlamp shines through the flue on
to a photoelectric cell. The chief feature is that fouling of the glass
windows on either side of the flue is reduced by arranging for air to be
sucked in behind the glass under the influence of the flue gas flow. (L.)

GEORGIYEV, A.G., inzh.; MAROV, I.F., inzh.; PETATSKIY, V.I., inzh.;
EDEL'SHTEYN, S.A., inzh.

Automatic regulator for continuous blowdown and recording salinometer
for feed-water. Elek.sta. 28 no.12:13-14 D '57. (MIRA 12:3)
(Boilers) (Feed water)

BOYEV, A.P.; GEORGIYEV, A.G.; MAROV, I.P.

Gas valves for the automatic regulation of gas expended in boilers.
Gas.prom. 5 no.11:24-26 N '60. (MIRA 13:11)
(Gas distribution) (Valves)

GEORGIYEV, A.G.; ZHELYAZKOV, L.D.

Synthesis of β -hydroxy- α -naphthylpropionic esters by means of
Reformatskii reaction. Dokl. AN SSSR 154 no.1:132-135 Ja'64.

(MIRA 17:2)

1. Nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut,
Sofiya, Bolgariya. Predstavлено академиком B.A. Kazanskim.

L 26751-66 EWT(m)/T/EWP(t) IJP(c) JD

ACC NR: AP6011481

SOURCE CODE: UR/0070/66/011/002/0349/0352

46

AUTHOR: Danil'chuk, L. N.; Georgiyev, A. I.

43

ORG: Novgorod Pedagogical Institute (Novgorodskiy pedagogicheskiy institut)

B

TITLE: X-ray observations of the transition layer during epitaxial growth of germanium

18

SOURCE: Kristallografiya, v. 11, no. 2, 1966, 349-352

TOPIC TAGS: germanium, epitaxial growing, x ray study, x ray absorption, crystal dislocation phenomenon

ABSTRACT: The investigated epitaxial layers were grown from the gas phase by the tetrachloride method at 830°C on polished germanium plates. The structure of the epitaxial layers was investigated by the anomalous passage of x-rays. Measurement of the integral intensities of the x-rays passing in succession through the substrate with the film as the latter was gradually etched away has shown that the greatest radiation absorption takes place in the transition layer between the substrate and the films. This gave grounds for assuming that the lattice periodicity is disturbed in the substrate-film boundary. The structure of this transition layer was found to depend on the state of the substrate surface prior to the growing, especially the formation of oxidized islands on the substrate surface. The results have shown that heating the substrate for a long time in hydrogen reduces the density of the transition layer, the stresses, and the number of dislocations in the layer. The smaller

Card 1/2

UDC: 548.52

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ACC NR: AP6011481

18

3

the amount of oxygen left in the substrate, the lower the dislocation density in the transition layer. The results also show that not all the dislocations from the substrate move into the epitaxial film, some being stopped by the transition layer. The authors thank Docent T. A. Smorodina for suggesting the problem and Professor N. N. Sheftal' for continuous interest in the work. Orig. art. has: 5 figures and 1 table.

SUB CODE: 20/ SUBM DATE: 08Feb65/ ORIG REF: 004/ OTH REF: 007

Card 2/2 K/

GEORGIYEV, A.K., aspirant

Elements of the geometrical theory of spiroid gears. Izv.vys.
ucheb.zav.; mashinostr. no.8:37-45 '63. (MIRA 16:11)

I. Izhevskiy mekhanicheskiy institut.

GEORGIYEV, Aleksandr Vasil'yevich; PROKUDENKOV, A.I., red.; TSYPKINA,
F.L., red.; MARAKASOVA, L.P., tekhn. red.

[Progressive experience is beneficial to the whole nation]
Perekovoi opyt - nashe bogatstvo. Moskva, Izd-vo "Sovetskaia
Rossiya," 1962. 106 p. (MIRA 15:4)

1. Pervyy sekretar' Altayskogo krayevogo komiteta Kommunisti-
cheskoy partii Sovetskogo Soyuza (for Georgiyev).
(Altai Territory—Agriculture)

GEORGIYEV, B.S.

Self-propelled collapsible tower scaffold for use in painting buildings.
Rats. i izbr.prei.v strel. no.123:3-5 '55. (MLRA 9:7)
(Scaffolding)(House painting)

GEORGIYEV, D.; YAKSHEV, D.; STOINOV, L.

Importance of tuberculin tests and fluorographic examinations
for the early detection of pulmonary tuberculosis. Probl.tub.
no.1: 42-44 '63. (MIRA 16:5)

1. Iz Okruzhnogo protivotuberkuleznogo dispansera (glavnnyy
vrach D.Georgiyev) Stara Zagora, Bulgariya.
(DIAGNOSIS, FLUOROSCOPIC)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0

GEORGIYEV, D.

Preparations for the winter season. Okhr. truda i sots. strakh.
6 no.9:33 S '63. (MIRA 16:10)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0

GUNCHEVA, T.; GEORGIYEV, D. (Bulgariya)

Success of irrigation farming in Bulgaria. Nauka i zhish' 30
no.1:38-40 Ja '63. (MIRA 16:4)

(Bulgaria—Irrigation farming)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0

GEORGIYEV, F.I., prof.; PROLOVA, O.F.

The psychical and the physiological effects of 54 no. 1:61-47
Ja '65. (MRA 1832)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514730010-0"

COUNTRY	:	Russia	REF ID:
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 1959,	No. 47273
AUTHOR	:	Georgiyev, G.; Stefanev, St.	
INST.	:		
TITLE	:	Production of Sanitation-hygienic articles from Feuerton.	
ORIG. PUP.	:	Laki-ntron-st, 1658, 7, Vol'no, 14-27	
ABSTRACT	:	Paste composition formulas and methods of technology have been developed for the production of sanitation-hygienic articles (articles, a set of rules, etc.) from Feuerton (F), i.e., fine clay. In the course of the work it was ascertained that shrinkage during drying and firing increases with increasing amount of fireclay. Low shrinkage and adequate quality are attained on addition of 25-35% fireclay; to avoid extra shrinkage the fireclay must be fired 50-60° higher than firing temperature of F. Quality of the articles is affected by particle size of fireclay; for thin-walled articles, it is necessary to increase the amount of fine fraction. Experiments on replacement of the amount of fine fraction.	
CARD	:	1/4	

189

COUNTRY : Bulgaria II-13
CATEGORY :
ABS. JOUR. : RZKhim., No. 1959, No. 87273
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :

ABSTRACT : 5-10% fireclay by talc yielded no appreciable increase of thermal stability. On testing, the best results were obtained with a paste having the composition (in %): kaolin 44, clay 6, quartz sand 12, feldspar 6, porcelain body 3, fireclay (0-0.5 mm) 24, fireclay (0.5-1.5 mm) 5. To produce slip, 0.7% water glass and 0.12% calcined soda were added to the paste; the slip contains 21.6% water. The paste has good casting characteristics, and produces no flaws on drying and firing. Take-up of body is 2.5-3 times greater than with conventional faience slips. Slightly moist articles are engobed; engobes containing porcelain body were found to be best suited. On engobing by dipping there are

CARD: 2/4

COUNTRY	:	Bulgaria	H-13
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 1959,	No. 87273
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT : added 0.1%, on brush-application of engobe -- 1.5% of carboxymethyl cellulose preparation "Tylose SL ₆₀₀ ", which promotes thickening and prevents running of engobe down the vertical walls. Maximum thickness of engobe 2.5 mm ; engobing is in multiple layers, zinc oxide being added to the last layer for better bonding between engobe and glaze; top layer can be applied as a mixture of equal parts of engobe and glaze. The articles are coated with a glaze of composition (in %): feldspar 50, dolomite 7, quartz sand 11, ZnO 6, SnO 4, kaolin 4, porcelain body 12, frit 6; glaze and engobe have same coefficient of thermal expansion and air-shrinkage. In glazing, 1.5% carboxymethyl cellulose			
CARD: 3A			

190

COUNTRY : Bulgaria
CATEGORY :

B-8

ABSTRACT JOUR. : RZKhim., No. 1959, No. 35297

AUTHOR : Trandafelov, D.; Georgiyev, S.
INST. : University of Sofia
TITLE : Physico-Chemical Studies of Solubility in
Aqueous Saline Systems. I. Solubility in Ternary
System Ammonium Bromide-Ammonium Sulfate-Water

ORG. PUB. : Godishnik Sofiysk. un-t. Fiz.-matem. fak.,
1956-1957 (1958), 51, No 3, 71-74, 75-85

ABSTRACT : By the isothermal solubility method, in an
apparatus designed by the authors, with electromagnetic
stirring of the sample in a thermostat, a study was made
of solubility in the system $\text{NH}_4\text{Br}-(\text{NH}_4)_2\text{SO}_4-\text{H}_2\text{O}$, at $25^\circ \pm 0.02^\circ$. Eutonic was found corresponding to composition of
liquid phase with 30.15% by weight of NH_4Br and 18.84% by
weight of $(\text{NH}_4)_2\text{SO}_4$.

CARD: 1/7

GEORGIYEV, G.

Jan 53

USSR/Electronics - Receivers

"An Ultrashort-Wave Receiver," G. Georgiyev

Radio, No 1, pp 39-42

Describes a 5-tube receiver with amplitude modulation for the 85-87 Mc band.

Sensitivity for a signal/noise ratio of 10 db is 42 μ v at 85 Mc, 35 μ v at 86 Mc, and 50 μ v at 87 Mc.

253T77

GEORGIEV, Gr.

USSR/Electronics - Radio receivers

Card : 1/1 Pub. 89 - 17/24

Authors : Georgiev, G., Leningrad

Title : An Ultrashort-Wave one-tube radio receiver

Periodical : Radio 6, 40 - 42, June 1954

Abstract : An AM radio set, designed to operate on 95 to 87 megacycles frequency-range, is described. The receiver can be supplied either from a separate rectifier or from a power unit of some other receiver or from the power unit of low-frequency amplifier. A graphical presentation of the set, its structural parts and chassis is accompanied by explanatory notes regarding assembling and tuning of the set. Five diagrams including one general circuit diagram.

Institution : ...

Submitted : ...

G. G. G.

PHASE I BOOK EXPLOITATION

POL/4231

Polskie Towarzystwo Matematyczne

Prace Matematyczne, I, 2 (Mathematical Transactions, Vol. 1, pt. 2).
Warszawa, Państwowe wyd-wo naukowe, 1955. 441 p. 1463 copies printed.
Errata slip inserted.

Editorial Committee: Władysław Orlicz (Chief Ed.), Stefan Drobot (Deputy Chief Ed.), Adam Bielecki, Stanisław Hartman, Jan Mikusiński, Roman Sikorski, Marceli Stark, Hanna Szmuszkowicz, Krzysztof Tatarkiewicz, and Włodzimierz Wrona.

PURPOSE: This book is intended for mathematicians.

COVERAGE: The book consists of a collection of articles on analysis, series, and function theory. Among the topics discussed are: the solution of Diophantine equations, set translation, power series, measure by a function, operational calculus, approximation of a function, and functional spaces. References and summaries in English and Russian are found at the end of most of the articles. No personalities are mentioned.

Card 1/3

Mathematical Transactions, Vol. 1, pt. 2

POL/4231

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Card 2/3

Mathematical Transactions, Vol. 1, pt. 2

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AVAILABLE: Library of Congress

Card 3/3

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37580
S/044/62/000/004/008/099
C111/C444

AUTHOR: Georgiyev, G.

TITLE: Differential geometric properties of instationary motions in hydrodynamics and in magnetohydrodynamics

PERIODICAL: Referativnyy zhurnal, Matematika, no. 4, 1962, 72-73,
abstract 4A447. ("An. stiint. Univ. Iugr", 1960, sec. 1, 6,
no. 2, 265-290)

TEXT: A continuation of the investigations of the author (Rzh. Mat, 1961, 3A382) on the geometry of the instationary motions of a liquid by aid of the method of the movable coordinate axes. The set of the velocity vectors of the instationary motion of the liquid defines the field of local cones (v) in the Euclidian three-dimensional space such that the stream lines and the paths of the particles are admissible curves in the field (v). One investigates several properties of these lines and discusses their connection with the properties of the motion of the liquid. For example, one finds conditions under which the stream lines or the paths of the particles are straight lines. Conditions for the existence of a large class of liquids under certain prescribed suppositions are given. At last one considers the geometrical aspects of some

Card 1/2

S/044/62/000/004/008/099

Differentialgeometric properties of ... C111/C444

kinds of instationary motions (screw motions, motions on some special manifolds, isotaches). Proved is the following theorem: The necessary and sufficient condition in order that the plane of Lamb encloses a oneparametric surface family at any time, is that the velocity field lies in the contact plane on the local cone of the vortex.

[Abstracter's note: Complete translation.]

Card 2/2

5/052/62/000/002/041/052
A001/A101

AUTHORS: Petkov, I., Georgiev, G.

TITLE: The 1-class gravimetric network in Bulgaria

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 2, 1962, 26,
abstract ZG161 ("Izv. Geofiz. in-ta Bolg. AN", 1960, v.1, 203 - 212,
Bulgarian, Russian and German summaries)

TEXT: The national reference gravimetric network on the territory of Bulgaria consists of 12 stations of the 1st class, two of which are tied to the Bucharest station (Rumania). Separations between neighboring stations are 80 - 180 km. Measurements were carried out with a Gs-11 gravimeter which was transported on an aircraft. The drift of zeropoint of the gravimeter did not exceed 0.07 mgal/hr. 42 connections were carried out, 27 links were determined which form a system of 15 adjacent triangles. Each link was measured 1 - 4 times. Misdisclosures in triangles did not exceed 0.15 mgal. The network was adjusted by the least-square method. The difference between Bucharest and Sofia ($\Delta g = 280.1$ mgal) measured by the Soviet aerogravimetric expedition was taken for the reference basis. The root-mean-square error of adjusted difference $\Delta g = \pm 0.11$ mgal.

Card 1/2

The 1-class gravimetric network in Bulgaria

S/035/62/000/002/041/052
A001/A101

The authors present the schematic diagram of location of the stations, and measured and adjusted values of Δg .

P. Shokin

[Abstracter's note: Complete translation]

Card 2/2

Check in by [initials]

BUROV, V. I. - "The organic acids of the nerve cells, muscle and epiphysis."
BUROV, V. I., VIKTOROV, I. V. and SHCHORZ, M. I. - "Histochimistry of extramitochondrial connective tissue in pathological conditions".
BUROV, V. I. - "Some aspects of carbohydrate metabolism of the transmucosal epithelium".
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